L Number	Hits	Search Text	DB	Time stamp
1	207	(372/\$.ccls. 257/\$.ccls.) and ((quantum near4 (dot\$2	USPAT;	2004/08/10 17:50
		box\$4)) same (lattice mismatch\$4 match\$4))	US-PGPUB	' '
2	28	((372/\$.ccls. 257/\$.ccls.) and ((quantum near4 (dot\$2	USPAT;	2004/08/10 18:39
		box\$4)) same (lattice mismatch\$4 match\$4))) and barrier	US-PGPUB	
		with lattice		
3	21	(((372/\$.ccls. 257/\$.ccls.) and ((quantum near4 (dot\$2	USPAT;	2004/08/10 18:39
		box\$4)) same (lattice mismatch\$4 match\$4))) and barrier	US-PGPUB	
4	22	with lattice) and (cavity resona\$6)	LICDAT	2004/00/40 40:00
4	23	(((372/\$.ccls. 257/\$.ccls.) and ((quantum near4 (dot\$2	USPAT; US-PGPUB	2004/08/10 19:00
		box\$4)) same (lattice mismatch\$4 match\$4))) and barrier with lattice) and (laser cavity resona\$6)	US-PGPUB	
5	11	(((372/\$.ccls. 257/\$.ccls.) and ((quantum near4 (dot\$2	USPAT;	2004/08/10 19:01
•		box\$4)) same (lattice mismatch\$4 match\$4))) and barrier	US-PGPUB	200 1/00/10 15:01
		with lattice) and filter\$5	001010	
6	228	((372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2	USPAT;	2004/08/10 19:18
		box\$4))) and photon	US-PGPUB	
7	88	(((372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2	USPAT;	2004/08/10 19:19
		box\$4))) and photon) and ((dot box\$4) with (select\$5 one))	US-PGPUB	
8	24	(((372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2	USPAT;	2004/08/10 19:24
		box\$4))) and photon) and ((dot box\$4) with (select\$5 one)	US-PGPUB	
		with (inject\$5 excit\$5))	1100.7	2004/00/15 :5 55
9	3	(((372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2	USPAT;	2004/08/10 19:30
		box\$4))) and photon) and ((dot box\$4) with (only just select\$5 single) with (inject\$5 excit\$5)).ab.	US-PGPUB	
10	5	(((372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2	USPAT;	2004/08/10 19:33
10	J	box\$4))) and photon) and ((dot box\$4) near6 (inject\$5	US-PGPUB	2004/08/10 19:33
		excit\$5)).ab.	03 70700	
11	39	(((372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2	USPAT;	2004/08/10 19:33
	,	box\$4))) and photon) and ((dot box\$4) near6 (inject\$5	US-PGPUB	, 55, 25 25.00
		excit\$5))	1	
-	1273	quantum and dot and photon	USPAT;	2003/11/16 22:18
			US-PGPUB;	
			EPO; JPO;	
_	528	(quantum and dot and shoton) and electron and hele and	IBM_TDB	2002/44/46 22 47
_	520	(quantum and dot and photon) and electron and hole and energy	USPAT;	2003/11/16 22:17
			US-PGPUB; EPO; JPO;	
			IBM_TDB	
-	179	((quantum and dot and photon) and electron and hole and	USPAT;	2003/11/16 22:17
		energy) and recombination	US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	
-	16	(quantum and dot and photon).ab.	USPAT;	2003/11/16 22:25
			US-PGPUB;	
			EPO; JPO;	
_	446	quantum adj2 dot and photon and (carrier hole electron)	IBM_TDB	2002/11/16 22:26
	טדד	quantum aujz dot and photon and (carrier note electron)	USPAT; US-PGPUB;	2003/11/16 22:26
			EPO; JPO;	
			IBM_TDB	
-	110	(quantum adj2 dot and photon and (carrier hole electron))	USPAT;	2003/11/16 22:27
		and recombination and energy	US-PGPUB;	
		<u> </u>	EPO; JPO;	
			IBM_TDB	
-	59	((quantum adj2 dot and photon and (carrier hole electron))	USPAT;	2003/11/16 22:28
		and recombination and energy) and (cavity resonator)	US-PGPUB;	
			EPO; JPO;	
	o	6600169.URPN.	IBM_TDB	2002/11/16 22 26
		OUOUTON'OULH'	USPAT	2003/11/16 22:36

-	14	("5541949" "5543354" "5557627" "5614435"	USPAT	2003/11/16 22:36
		"5710436" "5714765" "5817538" "5881086"		
		"5953356" "6052400" "6117699" "6177684"		
		"6285704" "6329668" "2001/0050934").PN.		2000/44/46 22 44
-	1	6369403.URPN.	USPAT	2003/11/16 22:41
-	6	("4752934" "5212706" "5371379" "5509024"	USPAT	2003/11/16 22:41
		"5909614" "5936266").PN.	LICDAT	2002/44/46 22:40
-	3	5703896.URPN.	USPAT	2003/11/16 22:49
-	8	("4815087" "4976539" "5019787" "5077752"	USPAT	2003/11/16 22:50
_	11	"5103456" "5131001" "5214664" "5563900").PN. (US-6541788-\$ or US-6239449-\$ or US-6600169-\$ or	USPAT;	2003/11/16 23:10
-	11	US-6177684-\$ or US-6369403-\$ or US-6235547-\$ or	JPO	2003/11/16 23.10
		US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or	340	
		US-5559822-\$).did. or (JP-11074608-\$).did.		
_	8	((US-6541788-\$ or US-6239449-\$ or US-6600169-\$ or	USPAT;	2003/11/16 23:11
		US-6177684-\$ or US-6369403-\$ or US-6235547-\$ or	EPO; JPO;	2003/11/10 23:11
		US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or	IBM_TDB	
		US-5559822-\$).did. or (JP-11074608-\$).did.) and	15/1_/55	
		recombination		
-	8	((US-6541788-\$ or US-6239449-\$ or US-6600169-\$ or	USPAT;	2003/11/17 00:24
		US-6177684-\$ or US-6369403-\$ or US-6235547-\$ or	EPO; JPO;	
		US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or	IBM_TDB	
	İ	US-5559822-\$).did. or (JP-11074608-\$).did.) and		
		recombination and dot		
-	15	shields.in. and quantum	USPAT;	2003/11/17 00:24
			EPO; JPO;	
			IBM_TDB	
-	4	shields.in. and quantum adj2 dot	USPAT;	2003/11/17 00:25
			EPO; JPO;	
			IBM_TDB	
-	7	shields.in. and quantum adj2 dot	USPAT;	2003/11/17 00:30
			US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	
-	99	(single with photon).ti.	USPAT;	2003/11/17 00:35
			US-PGPUB;	
			EPO; JPO;	
	,	((cingle with whoten) ti) and sweet an add date	IBM_TDB	2002/44/47 00 26
-	3	((single with photon).ti.) and quantum adj2 dot	USPAT;	2003/11/17 00:36
			US-PGPUB;	
	1		EPO; JPO;	
_	1	((single with photon).ti.) and quantum adj2 box	IBM_TDB USPAT;	2003/11/17 00:20
		Transic man photony.u., and quantum aujz box	US-PGPUB;	2003/11/17 00:39
			EPO; JPO;	
			IBM_TDB	
-	7606	((372/43,44,70) or (257/13,14)).CCLS.	USPAT;	2004/08/09 16:13
		((,,,,, (, 1, 1, 1	EPO; JPO;	200 1/00/09 10:13
			IBM_TDB	
-	104	((((372/43,44,70) or (257/13,14)).CCLS.) and quantum adj2	USPAT;	2003/11/17 00:44
		dot	EPO; JPO;	
			IBM_TDB	
-	3	(((((372/43,44,70) or (257/13,14)).CCLS.) and quantum adj2	USPAT;	2003/11/17 00:47
		dot) and single adj2 photon	EPO; JPO;	, ==, == 00. 17
			IBM_TDB	
] -	0	"E29.071"	USPAT;	2003/11/17 00:47
			EPO; JPO;	
			IBM_TDB	
-	0	E29.071	USPAT;	2003/11/17 00:47
			EPO; JPO;	
			IBM_TDB	

-	11	(US-6541788-\$ or US-6239449-\$ or US-6600169-\$ or	USPAT;	2003/11/17 02:26
		US-6177684-\$ or US-6369403-\$ or US-6235547-\$ or	JPO	
		US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or		
	_	US-5559822-\$).did. or (JP-11074608-\$).did.		
-	3	((US-6541788-\$ or US-6239449-\$ or US-6600169-\$ or	USPAT;	2003/11/17 02:29
		US-6177684-\$ or US-6369403-\$ or US-6235547-\$ or	EPO; JPO;	
		US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or	IBM_TDB	
		US-5559822-\$).did. or (JP-11074608-\$).did.) and bragg		2000/44/47 02 20
-	0	((US-6541788-\$ or US-6239449-\$ or US-6600169-\$ or	USPAT;	2003/11/17 02:29
		US-6177684-\$ or US-6369403-\$ or US-6235547-\$ or	EPO; JPO;	
		US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or US-5559822-\$).did. or (JP-11074608-\$).did.) and modulat\$4	IBM_TDB	
1		with transition		
-	1	(quantum adj2 dot) same (modulat\$4 with transition)	USPAT;	2003/11/17 02:30
	_	(qualitain adj2 dot) same (modulat#4 with dansition)	EPO; JPO;	2003/11/17 02.50
			IBM_TDB	
_	13	(quantum adj2 dot) and (modulat\$4 with transition)	USPAT;	2003/11/17 02:35
		(4	EPO; JPO;	
			IBM_TDB	
-	49	(quantum adj2 dot) and (modulat\$4 with energy)	USPAT;	2003/11/17 02:35
			EPO; JPO;	
			IBM_TDB	
-	41	((quantum adj2 dot) and (modulat\$4 with energy)) not	USPAT;	2003/11/17 02:35
		((quantum adj2 dot) and (modulat\$4 with transition))	EPO; JPO;	
	4.4	(((quantum adi) dot) and (madulated with an array)	IBM_TDB	2002/44/47 22 45
1	11	(((quantum adj2 dot) and (modulat\$4 with energy)) not	USPAT;	2003/11/17 02:42
		((quantum adj2 dot) and (modulat\$4 with transition))) and energy with dot	EPO; JPO; IBM_TDB	
-	33	(quantum adj2 dot) and (Bragg with mirror)	USPAT;	2003/11/17 02:46
	33	(quantum adjz doc) and (bragg with millor)	EPO; JPO;	2003/11/17 02.40
			IBM_TDB	
-	0	((quantum adj2 dot) and (Bragg with mirror)) and (Bragg	USPAT;	2003/11/17 02:46
		mirror) with (metal and phse)	EPO; JPO;	, ==, == ===
			IBM_TDB	
-	3	((quantum adj2 dot) and (Bragg with mirror)) and (Bragg	USPAT;	2003/11/17 02:44
		mirror) with (metal and phase)	EPO; JPO;	
	04	(quantum adi) dat) and (Dunca (adinus 11)	IBM_TDB	2002//4/17 22 12
-	81	(quantum adj2 dot) and (Bragg (mirror with metal with phase))	USPAT;	2003/11/17 02:46
		priasc))	EPO; JPO;	!
-	0	(quantum adj2 dot) and Bragg and (mirror with metal with	IBM_TDB USPAT;	2003/11/17 02:47
		phase)	EPO; JPO;	2003/11/17 02:47
		F··/	IBM_TDB	
-	1	(quantum adj2 dot) and (mirror with metal with phase)	USPAT;	2003/11/17 02:47
			EPO; JPO;	
			IBM_TDB	
-	6	laser and (mirror with (metal adj2 layer and phase adj2	USPĀT;	2003/11/17 02:50
		layer))	EPO; JPO;	
			IBM_TDB	
-	0	((laser and (mirror with (metal adj2 layer and phase adj2	USPAT;	2003/11/17 02:50
		layer))) and (DBR Bragg)) and dot	EPO; JPO;	
_	3	(lacer and (mirror with (motal adi) lavor and abase adi)	IBM_TDB	2002/44/47 02:50
	٦	(laser and (mirror with (metal adj2 layer and phase adj2 layer))) and (DBR Bragg)	USPAT; EPO; JPO;	2003/11/17 02:50
		1475-777 and (DDIS Diagy)	IBM_TDB	
-	20	(US-6541788-\$ or US-6239449-\$ or US-6600169-\$ or	USPAT;	2003/11/17 03:17
		US-6177684-\$ or US-6369403-\$ or US-6235547-\$ or	JPO	2555/11/17 55.17
		US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or	. =	
1		US-5559822-\$ or US-6028873-\$ or US-4705361-\$ or		
		US-6020605-\$ or US-5831294-\$ or US-5646418-\$ or		
		US-6611543-\$ or US-6549556-\$ or US-6159573-\$ or		
		US-5314838-\$).did. or (JP-11074608-\$).did.		1000
Search History 8/10/04 7:56:52 DM Page 2				

-	7	((US-6541788-\$ or US-6239449-\$ or US-6600169-\$ or	USPAT;	2003/11/17 03:18
	1	US-6177684-\$ or US-6369403-\$ or US-6235547-\$ or	EPO; JPO;	
		US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or	IBM_TDB	
		US-5559822-\$ or US-6028873-\$ or US-4705361-\$ or		
		US-6020605-\$ or US-5831294-\$ or US-5646418-\$ or		
		US-6611543-\$ or US-6549556-\$ or US-6159573-\$ or		
		US-5314838-\$).did. or (JP-11074608-\$).did.) and (doped		
	Ì	dopant) with barrier		
_	7	(((US-6541788-\$ or US-6239449-\$ or US-6600169-\$ or	USPAT;	2003/11/17 03:35
		US-6177684-\$ or US-6369403-\$ or US-6235547-\$ or	EPO; JPO;	2005/11/17 00:55
		US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or	IBM_TDB	
		US-5559822-\$ or US-6028873-\$ or US-4705361-\$ or	15/1_150	
		US-6020605-\$ or US-5831294-\$ or US-5646418-\$ or		
		US-6611543-\$ or US-6549556-\$ or US-6159573-\$ or		
		US-5314838-\$).did. or (JP-11074608-\$).did.) and (doped		
		dopant) with barrier) and carrier		
	3		LICDAT.	2002/14/17 02:26
-	3	((US-6541788-\$ or US-6239449-\$ or US-6600169-\$ or	USPAT;	2003/11/17 03:36
		US-6177684-\$ or US-6369403-\$ or US-6235547-\$ or	EPO; JPO;	
1		US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or	IBM_TDB	
		US-5559822-\$ or US-6028873-\$ or US-4705361-\$ or		
İ		US-6020605-\$ or US-5831294-\$ or US-5646418-\$ or		•
		US-6611543-\$ or US-6549556-\$ or US-6159573-\$ or		
		US-5314838-\$).did. or (JP-11074608-\$).did.) and (fiber	İ	
		fibre)		
-	44	(quantum adj2 dot) and output with (fiber fibre)	USPAT;	2003/11/17 03:36
			EPO; JPO;	
			IBM_TDB	
-	2	(quantum adj2 dot) same output with (fiber fibre)	USPAT;	2003/11/17 03:39
			EPO; JPO;	, ,
İ			IBM_TDB	
-	1347	(semiconductor adj2 laser) same (output with optical with	USPAT;	2003/11/17 03:40
		(fiber fibre))	EPO; JPO;	,,
į		, "	IBM_TDB	
-	284	((semiconductor adj2 laser) same (output with optical with	USPAT;	2003/11/17 03:43
		(fiber fibre))) and quantum	EPO; JPO;	2000/11/17 00.10
		(IBM_TDB	
-	2	((semiconductor adj2 laser) same (output with optical with	USPAT;	2003/11/17 03:41
	_	(fiber fibre))) and quantum adj2 dot	EPO; JPO;	2003/11/17 03:41
Ì		times ribre/// and qualitum dujz dot		
-	1	(((semiconductor adj2 laser) same (output with optical with	IBM_TDB	2002/11/17 02:44
	1	(fiber fibre))) and quantum add dot) and long	USPAT;	2003/11/17 03:41
	1	(fiber fibre))) and quantum adj2 dot) and lens	EPO; JPO;	
_	120	(/comicondustor adi2 Incor) asses (auto to the auto to the	IBM_TDB	2000/44 ::= ==
-	139	((semiconductor adj2 laser) same (output with optical with	USPAT;	2003/11/17 03:45
		(fiber fibre))) and quantum and lens	EPO; JPO;	
	10		IBM_TDB	
-	10	(((semiconductor adj2 laser) same (output with optical with	USPAT;	2003/11/17 03:45
		(fiber fibre))) and quantum and lens) and filter and polarizer	EPO; JPO;	
			IBM_TDB	
-	23	(US-6600169-\$ or US-6541788-\$ or US-6369403-\$ or	USPAT;	2004/08/09 16:04
		US-6235547-\$ or US-6011271-\$ or US-5953356-\$ or	JPO	
		US-5703896-\$ or US-5559822-\$ or US-6239449-\$ or		
		US-6177684-\$ or US-6028873-\$ or US-4705361-\$ or	1	
		US-5646418-\$ or US-5831294-\$ or US-6020605-\$ or		
		US-6159573-\$ or US-6549556-\$ or US-6611543-\$ or		
1		US-5314838-\$ or US-6608850-\$ or US-6141086-\$ or		
		US-5423798-\$).did. or (JP-11074608-\$).did.		
		1/		L

US-FG215547-\$ or US-6011271-\$ or US-5933356-\$ or US-FGPUB US-FG703896-\$ or US-5559822-\$ or US-6204949-\$ or US-6177684-\$ or US-6028873-\$ or US-620605-\$ or US-6159573-\$ or US-6549556-\$ or US-611086-\$ or US-514038-\$ or US-5423798-\$ or US-6549556-\$ or US-611086-\$ or US-5423798-\$ or US-6549556-\$ or US-611086-\$ or US-6235547-\$ or US-6549556-\$ or US-611086-\$ or US-6235547-\$ or US-6549556-\$ or US-6369403-\$ or US-6235547-\$ or US-651788-\$ or US-6369403-\$ or US-6235547-\$ or US-559822-\$ or US-6593356-\$ or US-6611649-\$ or US-6235547-\$ or US-6589873-\$ or US-6703896-\$ or US-559822-\$ or US-6511543-\$ or US-6196418-\$ or US-553982-\$ or US-6511543-\$ or US-6196418-\$ or US-553982-\$ or US-6511543-\$ or US-5198373-\$ or US-5381294-\$ or US-611086-\$ or US-5423798-\$).did. or (PI-11074608-\$).did.) and quantum adj3 dot US-6177684-\$ or US-608850-\$ or US-611543-\$ or US-619873-\$ or US-6548873-\$ or US-6369403-\$ or US-617864-\$ or US-559822-\$ or US-6511543-\$ or US-619873-\$ or US-6548873-\$ or US-6369403-\$ or US-617864-\$ or US-559822-\$ or US-6511543-\$ or US-66189573-\$ or US-6519873-\$ or US-6598873-\$ or US-611543-\$ or US-619873-\$ or US-6598873-\$ or US-611543-\$ or US-619873-\$ or US-6618850-\$ or US-611543-\$ or US-619873-\$ or US-66189873-\$ or US-661868-\$ or US-611543-\$ or US-5423798-\$).did. or (PI-11074608-\$).did.) and (quantum adj3 dot) same (electrical same optical) and (G772/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) same (electrical same optical) same (means pumps5 injects5). -					
US-5703896-\$ or US-559822-\$ or US-629494-\$ or US-5177684-\$ or US-602873-\$ or US-6028075-\$ or US-6028075-\$ or US-5615873-\$ or US-5615973-\$ or US-5631294-\$ or US-6020605-\$ or US-5646118-\$ or US-5631294-\$ or US-5611473-\$ or US-5312838-\$ or US-5608805-\$ or US-5611473-\$ or US-5312838-\$ or US-5608805-\$ or US-5611473-\$ or US-5423798-\$, old. or (IP-11074608-\$, old.) and electrical same optical ((US-6600169-\$ or US-651788-\$ or US-5659403-\$ or US-5703896-\$ or US-5608807-\$ or US-5612949-\$ or US-5703896-\$ or US-5608807-\$ or US-561481-\$ or US-581294-\$ or US-622949-\$ or US-619977-\$ or US-6608805-\$ or US-6511543-\$ or US-5423798-\$, old. or (IP-11074608-\$, old.) and quantum adj 3 dot US-5703896-\$ or US-6611201-\$ or US-5614618-\$ or US-5614788-\$ or US-669403-\$ or US-5703896-\$ or US-6611271-\$ or US-5639403-\$ or US-5703896-\$ or US-6611271-\$ or US-5639403-\$ or US-5703896-\$ or US-6611271-\$ or US-5639403-\$ or US-5703896-\$ or US-5611788-\$ or US-5639403-\$ or US-5703896-\$ or US-5611788-\$ or US-5639403-\$ or US-5703896-\$ or US-5611788-\$ or US-5639403-\$ or US-513547-\$ or US-6028873-\$ or US-6239449-\$ or US-513973-\$ or US-5611271-\$ or US-5620805-\$ or US-513973-\$ or US-5640850-\$ or US-513974-\$ or US-5640850-\$ or US-561543-\$ or US-5640850-\$ or US-5640850-\$ or US-561543-\$ or US-5640850-\$ or US-562407-\$ or US-561543-\$ or US	-	8	((US-6600169-\$ or US-6541788-\$ or US-6369403-\$ or	USPAT;	2004/08/09 16:11
US-6177684-\$ or US-6028873-\$ or US-6705361-\$ or US-5646418-\$ or US-5312493-\$ or US-6159573-\$ or US-6549556-\$ or US-6615433-\$ or US-5145933-\$ or US-542398-\$ or US-650850-\$ or US-611086-\$ or US-542398-\$ or US-650850-\$ or US-611086-\$ or US-542398-\$ or US-650169-\$ or US-6541788-\$ or US-6369403-\$ or US-6703896-\$ or US-553982-\$ or US-553982-\$ or US-553982-\$ or US-553982-\$ or US-5649556-\$ or US-5646718-\$ or US-553982-\$ or US-563956-\$ or US-517684-\$ or US-5639573-\$ or US-5639573-\$ or US-564953-\$ or US-611086-\$ or US-5646718-\$ or US-5649518-\$ or US-617684-\$ or US-6028873-\$ or US-611086-\$ or US-523798-\$ or US-6549556-\$ or US-611086-\$ or US-523798-\$ or US-654956-\$ or US-611086-\$ or US-523798-\$ or US-654956-\$ or US-6123949-\$ or US-617684-\$ or US-6523949-\$ or US-617684-\$ or US-6028673-\$ or US-514383-\$ or US-617684-\$ or US-5539822-\$ or US-623949-\$ or US-617684-\$ or US-6028673-\$ or US-614086-\$ or US-514838-\$ or US-6028673-\$ or US-614086-\$ or US-514838-\$ or US-6028673-\$ or US-614086-\$ or US-514838-\$ or US-608873-\$ or US-614086-\$ or US-514838-\$ or US-608850-\$ or US-614086-\$ or US-523798-\$ or US-61373-\$ or US-614086-\$ or US-514838-\$ or US-6088650-\$ or US-614086-\$ or US-523798-\$ or US-614086-\$ or US-514086-\$ or US-514838-\$ or US-6088650-\$ or US-614086-\$ or US-5649516-\$ or US-614086-\$ or US-514838-\$ or US-608873-\$ or US-614086-\$ or US-564956-\$ or US-564956-\$ or US-614086-\$ or US-564956-\$ or US-614086-\$ or US-56			i i	US-PGPUB	
US-5646418-\$ or US-5831294-\$ or US-6020605-\$ or US-5159573-\$ or US-6549556-\$ or US-5314838-\$ or US-6608850-\$ or US-6141086-\$ or US-532798-\$).did. or (IP-11074608-\$).did.) and electrical same optical 14 ((US-6600169-\$ or US-6541788-\$ or US-6549403-\$ or US-523547-\$ or US-65011271-\$ or US-5953356-\$ or US-5703896-\$ or US-559822-\$ or US-6239449-\$ or US-5703896-\$ or US-559822-\$ or US-6239449-\$ or US-5159573-\$ or US-6546518-\$ or US-5646518-\$ or US-5814338-\$ or US-6549518-\$ or US-5143838-\$ or US-6549518-\$ or US-5143838-\$ or US-6549518-\$ or US-514308-\$ or US-514308-\$ or US-514308-\$ or US-514308-\$ or US-5141086-\$ or US-514308-\$ or US-5141086-\$ or US-514308-\$ or US-6141086-\$ or US-514308-\$ or US-6141086-\$ or US-514308-\$ or US-6141086-\$ or US-514308-\$ or US-6141086-\$ or US-6147086-\$ or US-6141086-\$ or US-6147086-\$					
US-6195973-\$ or US-66949556-\$ or US-6611543-\$ or US-5314838-\$ or US-5623798-\$), did. or (JP-11074608-\$), did.) and electrical same optical 14 (US-6600169-\$ or US-6511781-\$ or US-69593356-\$ or US-6703896-\$ or US-6511771-\$ or US-5953356-\$ or US-6703896-\$ or US-6511771-\$ or US-5953356-\$ or US-6703896-\$ or US-65117768-\$ or US-65117768-\$ or US-65117768-\$ or US-65117768-\$ or US-65159573-\$ or US-6549556-\$ or US-6159573-\$ or US-654956-\$ or US-6159573-\$ or US-654956-\$ or US-61519573-\$ or US-654956-\$ or US-61519573-\$ or US-654956-\$ or US-6151086-\$ or US-623594-\$ or US-654956-\$ or US-61611543-\$ or US-623594-\$ or US-654956-\$ or US-61611543-\$ or US-623594-\$ or US-654956-\$ or US-61611543-\$ or US-623594-\$ or US-654956-\$ or US-654956-\$ or US-61615957-\$ or US-555982-\$ or US-555982-\$ or US-5595325-\$ or US-617684-\$ or US-6020605-\$ or US-6177684-\$ or US-6020605-\$ or					
US-5314838-\$ or US-6608850-\$ or US-6141086-\$ or US-5423798-\$).did. or (JP-11074608-\$).did.) and electrical same optical US-6235547-\$ or US-651788-\$ or US-6369403-\$ or US-6235547-\$ or US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or US-5559822-\$ or US-6233547-\$ or US-6177684-\$ or US-65235547-\$ or US-6159573-\$ or US-559822-\$ or US-6233547-\$ or US-6159573-\$ or US-5646418-\$ or US-831294-\$ or US-6620605-\$ or US-6159573-\$ or US-6569850-\$ or US-6159573-\$ or US-6569850-\$ or US-6159573-\$ or US-6608850-\$ or US-6159573-\$ or US-6608850-\$ or US-6159573-\$ or US-6608850-\$ or US-6369403-\$ or US-5423798-\$).did. or (JP-11074608-\$).did.) and quantum adj3 dot US-617684-\$ or US-651788-\$ or US-6329449-\$ or US-617684-\$ or US-65295499-\$ or US-617684-\$ or US-65295499-\$ or US-617684-\$ or US-65295499-\$ or US-617684-\$ or US-662867-\$ or US-66159573-\$ or US-617684-\$ or US-662867-\$ or US-66159573-\$ or US-6159573-\$ or US-6595566-\$ or US-661569-\$ or US-6159573-\$ or US-6595566-\$ or US-661569-\$ or US-6159573-\$ or US-6595566-\$ or US-661169-\$ or US-514838-\$ or US-623954-9 or US-661169-\$ or US-514838-\$ or US-619573-\$ or US-661169-\$ or US-61169-\$ or US-514838-\$ or US-662867-\$ or US-661169-\$ or US-514838-\$ or US-602867-\$ or US-661169-\$ or US-514838-\$ or US-623956-\$ or US-661169-\$ or US-514838-\$ or US-619573-\$ or US-661169-\$ or US-61169-\$ or US-514838-\$ or US-602867-\$ or US-661169-\$ or US-514838-\$ or US-602867-\$ or US-661169-\$ or US-514838-\$ or US-602867-\$ or US-661169-\$ or US-6			•		
US-5423798-\$),did. or (JP-11074608-\$).did.) and electrical same optical same optical same optical (US-6600169-\$ or US-6541788-\$ or US-6369403-\$ or US-6235547-\$ or US-65011271-\$ or US-59533356-\$ or US-61703896-\$ or US-555923256-\$ or US-61703896-\$ or US-55923356-\$ or US-617684-\$ or US-6208873-\$ or US-4705361-\$ or US-6159573-\$ or US-646418-\$ or US-646418-\$ or US-646418-\$ or US-646418-\$ or US-5409256-\$ or US-6611543-\$ or US-5423798-\$),did. or (JP-11074608-\$),did.) and quantum adj3 dot US-5423798-\$),did. or (JP-11074608-\$),did.) and quantum adj3 dot US-5703896-\$ or US-6511271-\$ or US-5953356-\$ or US-6137684-\$ or US-6235547-\$ or US-6511271-\$ or US-5953356-\$ or US-6137684-\$ or US-623873-\$ or US-6549849-\$ or US-6139573-\$ or US-6549586-\$ or US-6141086-\$ or US-6159573-\$ or US-6549586-\$ or US-614086-\$ or US-6139573-\$ or US-6549586-\$ or US-6141086-\$ or US-5134838-\$ or US-6608850-\$ or US-6141086-\$ or US-6139573-\$ or US-6549586-\$ or US-6141086-\$ or US-6137684-\$ or US-608850-\$ or US-6141086-\$ or US-6139573-\$ or US-6549586-\$ or US-6141086-\$ or US-6139573-\$ or US-6549586-\$ or US-6141086-\$ or US-6139573-\$ or US-6549586-\$ or US-6141086-\$ or US-613983-\$ or US-6141086-\$ or US-6139573-\$ or US-6549586-\$ or US-6141086-\$ or US-6147086-\$ or US-614708-\$ or US-6147086-\$ or US-6147086-\$ or US-6147086-\$ or US-614708-\$ or US-6147086-\$ or US-614708-\$ or US-614708-\$ or US-614708-\$ o					
same optical (US-660169-\$ or US-6541788-\$ or US-6369403-\$ or US-6235547-\$ or US-6011271-\$ or US-5953356-\$ or US-6235547-\$ or US-6011271-\$ or US-5953356-\$ or US-670386-\$ or US-559822-\$ or US-6239449-\$ or US-664418-\$ or US-58437-\$ or US-703561-\$ or US-6159573-\$ or US-6619573-\$ or US-6615947-\$ or US-6615947-\$ or US-6615947-\$ or US-6159573-\$ or US-6615847-\$ or US-615947-\$ or US-623547-\$ or US-66168850-\$ or US-6115847-\$ or US-623547-\$ or US-66168850-\$ or US-6115847-\$ or US-6235547-\$ or US-66116743-\$ or US-6235547-\$ or US-6611771-\$ or US-5953356-\$ or US-673986-\$ or US-559822-\$ or US-639549-\$ or US-617684-\$ or US-651788-\$ or US-623547-\$ or US-6517684-\$ or US-651788-\$ or US-623547-\$ or US-6519556-\$ or US-611636-\$ or US-617684-\$ or US-628873-\$ or US-6239449-\$ or US-6159573-\$ or US-6549556-\$ or US-611843-\$ or US-619573-\$ or US-6549556-\$ or US-611843-\$ or US-619573-\$ or US-6549556-\$ or US-611843-\$ or US-623468-\$ or US-5314838-\$ or US-6549556-\$ or US-611843-\$ or US-623468-\$ or US-5314838-\$ or US-661958-\$ or US-6119573-\$ or US-619573-\$ o					
14 ((US-6600169-\$ or US-6541788-\$ or US-6369403-\$ or US-6703896-\$ or US-5703896-\$ or US-5801297-\$ or US-58					
US-6235547-\$ or US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or US-5559822-\$ or US-5559825-\$ or US-5559825-\$ or US-5615873-\$ or US-5615873-\$ or US-5615873-\$ or US-5615873-\$ or US-56159873-\$ or US-6020050-\$ or US-6159573-\$ or US-6608850-\$ or US-611843-\$ or US-5314838-\$ or US-6608850-\$ or US-611843-\$ or US-52423798-\$).did. or (IP-11074608-\$).did.) and quantum adj3 dot US-5703896-\$ or US-561788-\$ or US-561788-\$ or US-5703896-\$ or US-561788-\$ or US-5703896-\$ or US-561788-\$ or US-5703896-\$ or US-5619573-\$ or US-65495573-\$ or US-6549556-\$ or US-65195573-\$ or US-6549556-\$ or US-5514838-\$ or US-661949-\$ or US-6020605-\$ or US-519573-\$ or US-6549556-\$ or US-5619593-\$ or US-6159573-\$ or US-664918-\$ or US-5723798-\$).did. or (IP-11074608-\$).did.) and (quantum adj3 dot) same (electrical same optical) (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) same (electrical same optical) ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) adj3 ab). and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) adj3 ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) adj3 ab.) and (electrical and optical) same (means pumps5 injects5) ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) adj3 adj3 and electrics6).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and ((uantum adj3 dot) adj3 and electrics6).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and ((uantum adj3 dot) adj3 and electrics6).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and ((uantum adj3 dot) adj3 and electrics6).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and ((uantum adj3 dot) adj3 and electrics6).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (((uantum adj3 dot) adj3 and electrics6).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (((uantum adj3 dot) adj3 and electrics6).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and ((((uantum adj3 dot) adj3 and electrics6).ab. (((((372/43,44,70) or (257/13,14)).CCLS.) and (((((372/43,44,70) or (257/13,14)).CCLS.)		1			
US-5703896-\$ or US-5559822-\$ or US-6239449-\$ or US-6617684-\$ or US-602873-\$ or US-6020605-\$ or US-6164618-\$ or US-5831294-\$ or US-661543-\$ or US-56314838-\$ or US-56549556-\$ or US-5611543-\$ or US-52314838-\$ or US-5608050-\$ or US-611808-\$ or US-52314838-\$ or US-5608050-\$ or US-611808-\$ or US-52314838-\$ or US-5608050-\$ or US-611808-\$ or US-595334638-\$ or US-56314838-\$ or US-56314788-\$ or US-5953356-\$ or US-5703896-\$ or US-55122-\$ or US-6239449-\$ or US-5703896-\$ or US-55122-\$ or US-6239449-\$ or US-5617684-\$ or US-50583129-\$ or US-593346-\$ or US-56189573-\$ or US-56189573-\$ or US-5618531-\$ or US-5314838-\$ or US-5608850-\$ or US-611543-\$ or US-5742798-\$ j.dl. or (JP-11074608-\$).dl.) and (quantum adj3 dot) same (electrical same optical) - 2905 ((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) same (electrical and optical).ab (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot). and (electrical and optical).ab (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot). and electrics and optical).ab (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot). and electrics and optical).ab (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot). and electrics and optical).ab ((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot). and electrics and optical).ab ((372/43,44,70) or (257/13,14)).CCLS.) und (quantum adj3 dot). and electrics and optical).ab ((372/43,44,70) or (257/13,14)).CCLS.) und (quantum adj3 dot). ab ((372/43,44,70) or (257/13,14)).CCLS.) und (quantum adj3 dot). ab ((372/43,44,70) or (257/13,14)).CCLS.) und (quantum adj3 dot). ab ((372/43,44,70) or (257/13,14)).CCLS.) und (quantum adj3 dot). ab ((372/43,44,70) or (257/13,14)).CCLS.) und (quantum adj3 dot). ab ((372/43,44,70) or (257/13,14)).CCLS.) und (quantum adj3 dot). ab ((372/43,44,70) or (257/13,14)).CCLS.) und (quantum adj3 dot). ab	-	14		1 '	2004/08/09 16:12
US-6177684-\$ or US-6028873-\$ or US-6020605-\$ or US-524418-3 or US-646118-\$ or US-646159573-\$ or US-653956-\$ or US-65159573-\$ or US-6608850-\$ or US-611086-\$ or US-5243798-\$).did. or (JP-11074608-\$).did.) and quantum adj3 dot (US-6600169-\$ or US-6541788-\$ or US-639403-\$ or US-6235547-\$ or US-611271-\$ or US-5953356-\$ or US-617684-\$ or US-5559822-\$ or US-6239449-\$ or US-6177684-\$ or US-6628873-\$ or US-661553-\$ or US-66155973-\$ or US-6549582-\$ or US-661543-\$ or US-564618-\$ or US-564618-\$ or US-564618-\$ or US-564618-\$ or US-564618-\$ or US-514838-\$ or US-6549556-\$ or US-6611543-\$ or US-514838-\$ or US-6549556-\$ or US-6611543-\$ or US-514838-\$ or US-6549556-\$ or US-6611543-\$ or US-52343798-\$).did. or (JP-11074608-\$).did.) and (quantum adj3 dot) same (electrical same optical) (US-PGPUB US-PGPUB				US-PGPUB	
US-5646418-\$ or US-654955-\$ or US-6611543-\$ or US-5214838-\$ or US-664955-\$ or US-611543-\$ or US-5214838-\$ or US-6608850-\$ or US-6141086-\$ or US-523798-\$).did. or (JP-11074608-\$).did.) and quantum adj3 dot (US-6600169-\$ or US-6514788-\$ or US-6369403-\$ or US-55703896-\$ or US-5508982-\$ or US-5593356-\$ or US-55703896-\$ or US-5612718-\$ or US-6239449-\$ or US-51953798-\$ or US-6628873-\$ or US-6611543-\$ or US-564618-\$ or US-5631294-\$ or US-6611543-\$ or US-51831294-\$ or US-6611543-\$ or US-51831294-\$ or US-6611543-\$ or US-5243798-\$).did. or (JP-11074608-\$).did.) and (quantum adj3 dot); same (electrical same optical) and (quantum adj3 dot); same (electrical same optical) and ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. (((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. (((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and electrics6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and electrics6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and electrics6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and electrics6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3).ab.) and electrics6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3).ab.) and electrics6).ab. ((372/\$c.cls. 257/\$c.cls. 257/\$c.cls.) and (quantum adj3 dot\$3).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((yantum adj3 dot\$3).ab.) and electrics6).ab. ((372/\$c.cls. 257/\$c.cls.) and (yantum adj3 dot\$3).ab. ((372/\$c.cls. 257/\$c.cls.) and (y					
US-6159573-\$ or US-6549556-\$ or US-6611843-\$ or US-5243798-\$).did. or (JP-11074608-\$).did.) and quantum adj3 dot (US-6600169-\$ or US-6541788-\$ or US-6369403-\$ or US-6235547-\$ or US-6011271-\$ or US-5953356-\$ or US-6170848-\$ or US-6235547-\$ or US-6011271-\$ or US-5953356-\$ or US-6170848-\$ or US-55708386-\$ or US-55708386-\$ or US-55708386-\$ or US-5612873-\$ or US-6239449-\$ or US-6159573-\$ or US-62831294-\$ or US-6611543-\$ or US-55314838-\$ or US-6608850-\$ or US-6141086-\$ or US-5314838-\$ or US-6608850-\$ or US-6141086-\$ or US-57143,14), CCLS.) and (quantum adj3 dot\$3).ab. or (257713,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. - ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab (((372/43,44,70) or (257/13,14)).CCLS.) and ((unantum adj3 dot\$3).ab.) and (electrical and optical).ab (((372/43,44,70) or (257/13,14)).CCLS.) and ((unantum adj3 dot\$3).ab.) and (electrical and optical).ab (((372/43,44,70) or (257/13,14)).CCLS.) and ((unantum adj3 dot\$3).ab.) and (electrical).ab (((372/43,44,70) or (257/13,14)).CCLS.) and ((unantum adj3 dot\$3).ab.) and (electrical).ab (((372/43,44,70) or (257/13,14)).CCLS.) and ((unantum adj3 dot\$3).ab (((372/43,44,70) or (257/13,14)).CCLS.) a					
US-5314838-\$ or US-6608850-\$ or US-6141086-\$ or US-643798-\$). did. or (JP-11074608-\$). did.) and quantum adi3 dot (US-660169-\$ or US-6541788-\$ or US-6369403-\$ or US-6235547-\$ or US-6011271-\$ or US-6369403-\$ or US-5703896-\$ or US-5559822-\$ or US-6239449-\$ or US-617684-\$ or US-65028873-\$ or US-6239449-\$ or US-617684-\$ or US-6549556-\$ or US-65159573-\$ or US-6549556-\$ or US-6615343-\$ or US-543798-\$). did. or (JP-11074608-\$). did.) and (quantum adj3 dot) same (electrical same optical) - 2905 (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) same (electrical same optical) - 1 ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab. and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. (USPAT; uS-PGPUB uSPAT; adj3 dot\$3).ab.) and (electrical and optical) same (means pump\$5 inject\$5) - 6 (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical) same (means pump\$5 inject\$5) - 961 (372/8.ccis. 257/\$.ccis.) and (quantum near4 (dot\$2 uSPAT; uS-PGPUB uSPAT; "6421363" "6421363" "6432471" "5541788").PN. - 0 6768754.URPN. - 0 6711200.pn. and path and optical and electrical and dot uSPAT; uS-PGPUB uSPAT; uS					
US-5423798-\$).did. or (JP-11074608-\$).did.) and quantum adj3 dot ((US-6600169-\$ or US-6541788-\$ or US-6369403-\$ or US-6325547-\$ or US-6511271-\$ or US-5953356-\$ or US-5703896-\$ or US-5559822-\$ or US-6239449-\$ or US-617684-\$ or US-6028873-\$ or US-6705361-\$ or US-615973-\$ or US-6028873-\$ or US-6159533-\$ or US-6159573-\$ or US-6608850-\$ or US-61141086-\$ or US-5314838-\$ or US-6708050-\$ or US-6141086-\$ or US-623798-\$).did. or (JP-11074608-\$).did.) and (quantum adj3 dot) same (electrical ame optical) adj3 dot\$3).ab. and (electrical and optical).ab. USPAT; US-PGPUB US-PAT; US-					
adj3 dot ((US-6600169-\$ or US-6541788-\$ or US-6369403-\$ or US-6235547-\$ or US-6011271-\$ or US-5953356-\$ or US-5703896-\$ or US-5559822-\$ or US-6239449-\$ or US-5703896-\$ or US-559822-\$ or US-6239449-\$ or US-5647684-\$ or US-5831294-\$ or US-6020605-\$ or US-6159573-\$ or US-6549556-\$ or US-6611543-\$ or US-5423798-\$).did. or (JP-11074608-\$).did.) and (quantum adj3 dot) same (electrical same optical) 2905 (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) same (electrical same optical) ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) dot\$3).ab. b. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) dot\$3).ab. and (electrical and optical).ab. (((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) dot\$3).ab.) and (electrical and optical) same (means pump\$5 inject\$5) 6 ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) dot\$3).ab.) and (electrical and optical) same (means pump\$5 inject\$5) 6 ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) dot\$3).ab. and electrical and optical) same (means pump\$5 inject\$5) 9 6 (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot) dot\$3).ab. and electrical and optical) same (means pump\$5 inject\$5) 9 6 ((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot) dot\$3).ab. and electrics (b.ab. 9 6 (57372,ccls. 257/\$.ccls.) and (quantum near4 (dot\$2 USPAT; US-PGPUB USPAT;					
O					
US-PGPUB US-5703896-\$ or US-5598822-\$ or US-6239449-\$ or US-51708896-\$ or US-5598822-\$ or US-6239449-\$ or US-517684-\$ or US-5698850-\$ or US-6177684-\$ or US-5646418-\$ or US-549556-\$ or US-6159573-\$ or US-56468850-\$ or US-614086-\$ or US-534383-\$ or US-6549556-\$ or US-614086-\$ or US-5423798-\$).did. or (JP-11074608-\$).did.) and (quantum adj3 dot) same (electrical same optical) 2905 (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. (((((372/43,44,70) or (257/13,14)).CCLS.)) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. (((((372/43,44,70) or (257/13,14)).CCLS.)) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. (((((372/43,44,70) or (257/13,14)).CCLS.)) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.)) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.)) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.)) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.)) and ((quantum adj3 dot\$3).ab.) and (electrical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.)) and ((quantum adj3 dot\$3).ab.) and (electrics6).ab. ((((372/43,44,70) or (257/13,14)).CCLS.)) and (((unantum adj3 dot\$3).ab.) and (electrics6).ab. ((((372/43,44,70) or (257/13,14)).CCLS.)) and (((unantum adj3 dot\$3).ab.) and (electrics6).ab. ((((372/43,44,70) or (257/13,14)).CCLS.)) and (((unantum adj3 dot\$3).ab.) and (((((372/43,44),70) or (257/13,14)).CCLS.)) and (((((372/43,44),70) or (257/13,14)).CCLS.)) and (((((372/43,44),70) or (257/13,14)).CCLS.)) and (((((372/43,44),70) or (257/13,14)).CCLS.)) and ((((((372/43,44),70) or (257/13,14)).CCLS.)) and ((((((372/43,44),70) or (257/13,14)).CCLS.)) and (((((((372/43,44),70) or (257/13,14)).CCLS.)) and (((((((372/43,44),70) or (25	_	_		LICDATA	2004/09/00 16:12
US-5703896-\$ or US-5559822-\$ or US-6239449-\$ or US-6177684-\$ or US-6177684-\$ or US-6028873-\$ or US-402360-\$ or US-614086-\$ or US-6159573-\$ or US-6549556-\$ or US-611543-\$ or US-5314838-\$ or US-6608850-\$ or US-6141086-\$ or US-5423798-\$ ol.d. or (IP-11074608-\$).did.) and (quantum adj3 dot) same (electrical same optical) - 2905 ((372/43,44,70) or (257/13,14)).CCLS.	_	0			2004/08/09 16:12
US-6177684-\$ or US-6028873-\$ or US-4705361-\$ or US-5646418-\$ or US-5831294-\$ or US-6020605-\$ or US-5614935-\$ or US-5314838-\$ or US-5649556-\$ or US-6141086-\$ or US-5314838-\$ or US-6608850-\$ or US-6141086-\$ or US-5423798-\$).did. or (JP-11074608-\$).did.) and (quantum adj3 dot) same (electrical same optical) ((372/43,44,70) or (257/13,14)).CCLS. USPAT; US-PGPUB USPAT				U3-PGPUB	
US-5646418-\$ or US-5831294-\$ or US-6020605-\$ or US-6159573-\$ or US-6549556-\$ or US-6159573-\$ or US-6549556-\$ or US-6141086-\$ or US-523798-\$).did. or (JP-11074608-\$).did.) and (quantum adj3 dot) same (electrical same optical) (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. US-PGPUB ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. US-PGPUB US-PGPUB (((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. US-PGPUB US-PGPUB US-PGPUB (((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical) same (means pump\$5 inject\$5) (((((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3).ab.) and electrical and optical) same (means pump\$5 inject\$5) ((((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3).ab.) and electrical and optical) same (means pump\$5 inject\$5) ((((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3).ab.) and electrical and dot uspar; uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical and dot uspar (adj3 dot\$3).ab.) and electrical uspar (adj3 dot\$3).ab.) and electrical uspar (adj3 dot\$3).ab.) and electrical uspar (adj3 dot\$3).ab.) and electrical uspar (adj3 dot\$3).ab.) and electrical uspar (adj3 dot\$3).ab.) and electrical uspar (adj3 dot\$3).ab.) and electrical uspar (adj3 dot\$3).ab.) and elect			• • • • • • • • • • • • • • • • • • • •		
US-6159573-\$ or US-6549556-\$ or US-6611543-\$ or US-5314838-\$ or US-6608850-\$ or US-6141086-\$ or US-5423798-\$).did. or (JP-11074608-\$).did.) and (quantum adj3 dot) same (electrical same optical) - 2905 ((372/43,44,70) or (257/13,14)).CCLS. - 64 ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot) uSPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-PGPU		1			
US-5314838-\$ or US-6608850-\$ or US-6141086-\$ or US-5423798-\$).did. or (JP-11074608-\$).did.) and (quantum adj3 dot) same (electrical same optical) ((372/43,44,70) or (257/13,14)).CCLS. USPAT; US-PGPUB US-PGPUB U			· · · · · · · · · · · · · · · · · · ·		
US-5423798-\$).did. or (JP-11074608-\$).did.) and (quantum adj3 dot) same (electrical same optical) ((372/43,44,70) or (257/13,14)).CCLS. (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical) same (means pump\$5 inject\$5) ((((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and (electrical adja dot\$3).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3).ab.) and (electrical adja dot\$3).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3).ab.) and (electrical adja dot\$3).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3).ab.) and (electrical adja dot\$3).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3).ab.) and (electrical adja dot\$3).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adja dot\$3).ab. (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adja dot\$3).ab. (((372/43,44,70) or (257/13,14)).CCLS.)					
- 2905 ((372/43,44,70) or (257/13,14)).CCLS 64 (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab 1 ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab 6 ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab 6 ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical) same (means pump\$5 inject\$5) - 6 (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3) and electrics and optical) same (means pump\$5 inject\$5) - 961 (372/\$, ccls. 257/\$, ccls.) and (quantum near4 (dot\$2 USPAT; US-PGPUB U			· · · · · · · · · · · · · · · · · · ·		
- 2905 ((372/43,44,70) or (257/13,14)).CCLS.) - 64 (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. (USPAT; US-PGPUB USPAT; SPAT 2004/08/09 16:14 USPAT; US-PGPUB USPAT; U					
- 64 (((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab 6 ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab 6 (((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical) same (means pump\$5 inject\$5) - 6 ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical) same (means pump\$5 inject\$5) 6 ((((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3).ab.) and electric\$6).ab 961 (372/\$c.cls. 257/\$c.cls.) and (quantum near4 (dot\$2 USPAT; US-PGPUB USPAT; US-PGPUB USPAT; USPAT - 0 6768754.URPN 7 ("5841152" "6052400" "6177684" "6285698" USPAT; USPAT USPAT USPAT USPAT USPAT USPAT; US-PGPUB USPAT;	-	2905		USPAT:	2004/08/09 16:13
- 64 ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab 1 (((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab 6 (((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical) same (means pump\$5 inject\$5) - ((((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab ((((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab ((((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum usp-pgpuB usp-pgp			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		200 1,00,00 20120
dot\$3).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical).ab. US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT 2004/08/09 16:31 US-PGPUB USPAT; US-PGPUB USPAT 2004/08/09 17:18 USPAT 2004/08/09 17:18 USPAT 2004/08/09 17:18 USPAT 2004/08/09 17:18 USPAT 2004/08/09 17:18 USPAT 2004/08/09 17:18 USPAT; US-PGPUB USPAT; U	-	64	(((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3	1	2004/08/09 18:43
adj3 dot\$3).ab.) and (electrical and optical).ab. ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical) same (means pumps5 inject\$5) (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. 961 (372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2 box\$4)) 0 6768754.URPN. 0 6768754.URPN. 0 ("5841152" "6052400" "6177684" "6285698" USPAT 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:34 USPAT; US-PGPUB 2004/08/09 17:34 USPAT; US-PGPUB 2004/08/09 17:34 USPAT; US-PGPUB 2004/08/09 17:34 USPAT; US-PGPUB 2004/08/09 17:34 USPAT; US-PGPUB 2004/08/09 17:34 USPAT; US-PGPUB 2004/08/09 17:34 USPAT; US-PGPUB 2004/08/09 17:34 USPAT; US-PGPUB 2004/08/09 17:34 USPAT; US-PGPUB 2004/08/09 17:34 USPAT; US-PGPUB 2004/08/09 18:34 USPAT; 2004/08/09 18:34 USPAT; 2004/08/09 18:34 USPAT; 2004/08/09 18:34 USPAT; 2004/08/09 18:34 USPAT; 2004/08/09 18:34 USPAT; 2004/08/09 18:34 USPAT; 2004/08/09 18:34			dot\$3).ab.	,	
- 6 ((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum adj3 dot\$3).ab.) and (electrical and optical) same (means pump\$5 inject\$5) - 6 (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. - 961 (372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2 box\$4)) - 0 6768754.URPN. - 7 ("5841152" "6052400" "6177684" "6285698" USPAT; US-PGPUB "6421363" "6432471" "6541788").PN. - 0 6711200.pn. and path and optical and electrical and dot USPAT; US-PGPUB USPAT; US-PGPU	-	1	((((372/43,44,70) or (257/13,14)).CCLS.) and (quantum	USPAT;	2004/08/09 16:14
adj3 dot\$3).ab.) and (electrical and optical) same (means pump\$5 inject\$5) ((((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. 961 (372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2 box\$4)) 0 (6768754.URPN. ("5841152" "6052400" "6177684" "6285698" USPAT 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 0 (6711200.pn. and path and optical and electrical and dot USPAT; US-PGPUB USPAT 2004/08/09 17:34 US-PGPUB USPAT; US-PGPUB USPAT US-PGPUB USPAT US-PGPUB USPAT US-PGPUB USPAT US-PGPUB US				US-PGPUB	, ,
pump\$5 inject\$5) (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. (372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2 box\$4)) 0 6768754.URPN. 0 ("5841152" "6052400" "6177684" "6285698" USPAT 2004/08/09 17:18 "6421363" "6432471" "6541788").PN. 0 6711200.pn. and path and optical and electrical and dot USPAT; US-PGPUB	-	6			2004/08/09 16:19
- 6 (((372/43,44,70) or (257/13,14)).CCLS.) and ((quantum adj3 dot\$3) and electric\$6).ab. 961 (372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2 box\$4)) 0 6768754.URPN. 1 ("5841152" "6052400" "6177684" "6285698" USPAT 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:34 2004/08/09 18:34 2004/08/09 18:34 2004/08/09 18:34 2004/08/09 18:39 2004/08/09 2004/08/09 2004/08/09 2004/08/09 2004/08/09 2004/08/09 2004/08/09 2004/08/09 2004/08/09 2004/08/09 2004/08/09 2004/08/09 2004/08/09 2004/08				US-PGPUB	
adj3 dot\$3) and electric\$6).ab. 961 (372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2 box\$4)) 0 6768754.URPN. ("5841152" "6052400" "6177684" "6285698" USPAT 2004/08/09 17:18 "6421363" "6432471" "6541788").PN. 0 6711200.pn. and path and optical and electrical and dot USPAT; US-PGPUB USPAT US-PGPUB US-PGPUB USPAT US-PGPUB USPAT US-PGPUB USPAT US-PGPUB USPAT US-PGPUB USPAT US-PGPU		_			
- 961 (372/\$.ccls. 257/\$.ccls.) and (quantum near4 (dot\$2 box\$4)) - 0 6768754.URPN ("5841152" "6052400" "6177684" "6285698" USPAT 2004/08/09 17:18 - ("58421363" "6432471" "6541788").PN 0 6711200.pn. and path and optical and electrical and dot USPAT; US-PGPUB - 0 6711200.pn. and path and optical and electrical and dots USPAT; US-PGPUB - 0 6711200.pn. and path and optical and electrical USPAT; US-PGPUB - 1 6711200.pn. and paths and optical and electrical USPAT; US-PGPUB - 1 6711200.pn. and paths and optical and electrical USPAT; US-PGPUB - 1 6711200.pn. and paths and optical and electrical USPAT; US-PGPUB - 1 6711200.pn. and paths and optical and electrical USPAT; US-PGPUB - 1 6177684.pn. and lattice USPAT; 2004/08/09 18:39	-	6	(((2004/08/09 16:31
box\$4)) 0 6768754.URPN. ("5841152" "6052400" "6177684" "6285698" USPAT 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:34 USPAT 2004/08/09 17:34 USPAT; USPAT USPAT; U		000		•	
- 0 6768754.URPN 7 ("5841152" "6052400" "6177684" "6285698" USPAT USPAT 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:18 2004/08/09 17:34 USPAT; USPGPUB USPAT; 2004/08/09 18:39	-	961	(3/2/\$.ccls. 25//\$.ccls.) and (quantum near4 (dot\$2	l	2004/08/09 18:44
7 ("5841152" "6052400" "6177684" "6285698" USPAT 2004/08/09 17:18 "6421363" "6432471" "6541788").PN. 0 6711200.pn. and path and optical and electrical and dot USPAT; US-PGPUB US		_			
- 0 6711200.pn. and path and optical and electrical and dot USPAT; US-PGPUB US	-	_			2004/08/09 17:18
- 0 6711200.pn. and path and optical and electrical and dot USPAT; US-PGPUB US	-	/		USPAT	2004/08/09 17:18
- 0 6711200.pn. and path and optical and electrical and dots US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; 2004/08/09 18:39		_		LICDAT	2004/00/00 47 04
- 0 6711200.pn. and path and optical and electrical and dots USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; 2004/08/09 18:39	-		6711200.pm. and paul and optical and electrical and dot		2004/08/09 17:34
- 0 6711200.pn. and path and optical and electrical US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; 2004/08/09 18:39	_		6711200 nn, and nath and ontical and electrical and date		2004/09/00 47:24
- 0 6711200.pn. and path and optical and electrical USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; USPA			overeson, but and bank and obtical and electrical and dots		2004/06/09 17:34
US-PGPUB USPAT; 2004/08/09 18:34 USPAT; US-PGPUB USPAT; 2004/08/09 18:39	_	_ n	6711200 nn, and nath and ontical and electrical		2004/08/00 17:24
- 1 6711200.pn. and paths and optical and electrical USPAT; US-PGPUB USPAT; USPAT; 2004/08/09 18:39			or 11200.pm. and paul and optical and electrical		2004/00/09 17:34
US-PGPUB USPAT; 2004/08/09 18:39	_	1	6711200.pn, and paths and optical and electrical	1	2004/08/09 19:24
- 1 6177684.pn. and lattice USPAT; 2004/08/09 18:39		_			2007/00/03 10.34
	-	1	6177684.pn. and lattice		2004/08/09 18:30
		_	· · · · · · · · · · · · · · · · · · ·	US-PGPUB	250 1/ 50/ 55 10.59

	T."	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
-	33	(US-6600169-\$ or US-6541788-\$ or US-6369403-\$ or	USPAT;	2004/08/09 18:39
		US-6235547-\$ or US-6011271-\$ or US-5953356-\$ or	US-PGPUB;	
		US-5703896-\$ or US-5559822-\$ or US-6239449-\$ or	JPO	<u> </u>
		US-6177684-\$ or US-6028873-\$ or US-4705361-\$ or		
		US-5646418-\$ or US-5831294-\$ or US-6020605-\$ or		
		US-6159573-\$ or US-6549556-\$ or US-6611543-\$ or		
	ľ	US-5314838-\$ or US-6608850-\$ or US-6141086-\$ or		
		US-5423798-\$ or US-6661022-\$ or US-5844253-\$ or		
		US-5783840-\$ or US-6768754-\$).did. or		
		(US-6711200-\$).did. or (US-20040021138-\$ or		
	1	US-20020162995-\$ or US-20020114367-\$ or		
		US-20020079485-\$ or US-20010028055-\$).did. or		
		(JP-11074608-\$).did.		
_	19	((US-6600169-\$ or US-6541788-\$ or US-6369403-\$ or	USPAT;	2004/08/09 18:40
		US-6235547-\$ or US-6011271-\$ or US-5953356-\$ or	US-PGPUB	200 1,00,00 20110
		US-5703896-\$ or US-5559822-\$ or US-6239449-\$ or	55 . 5. 52	
		US-6177684-\$ or US-6028873-\$ or US-4705361-\$ or		
		US-5646418-\$ or US-5831294-\$ or US-6020605-\$ or		
	1	US-6159573-\$ or US-6549556-\$ or US-6611543-\$ or		
		US-5314838-\$ or US-6608850-\$ or US-6141086-\$ or		
		US-5423798-\$ or US-6661022-\$ or US-5844253-\$ or		
		US-5783840-\$ or US-6768754-\$).did. or		
		(US-6711200-\$).did. or (US-20040021138-\$ or		
	1	US-20020162995-\$ or US-20020114367-\$ or		
		US-20020079485-\$ or US-20010028055-\$).did. or		
		(JP-11074608-\$).did.) and lattice		
·		1 12. 120. 100 p/ididi/ dild ididio		l